ABSTRCT

A scheduling method for loading and unloading the containers is developed and computerized for efficiently operating the loading and unloading cargo from the container ship to the assigned storage site or vice versa, and

5   organizing the container storage system.   A computer readable recording medium is also developed for recording the computer programs of the scheduling method for effectively performing the optimal loading and unloading process with the shortest time consuming.   The recording medium contains a data acquiring step for establishing Yard Information Database, Container

10   Database, Shipping Order Database, a Unloading Step including assigning an available quay location identifying unloading containers and assigning an available container storage site, Loading Step including identify the loading containers, location of storage site, cargo destination and ship quay location, and Data Storing Step for maintaining Bay Plan.